PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE LIMITED STATES

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371												13	195-0 NNO. (IF	0006	-US	CFR 1.5)		
INTER	NA	TIONAL AI	PPLIC	ATION	I NO.		INTERN	ATION	AL FIL	ING DAT	E	P	RIORI	TY DAT	E CLA	IMED)	
		PCT/EP2								er 2003		L		20	Decen	nber	2002	
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Applica	nt I	nerewith su	ubmits	to the	United	Stat	es Desi	gnated/E	lected	Office (DO/EO/L	US	the fo	llowing	items a	and of	ther info	mation:
1. 2	<u>x</u>].	This is a F	IRST	subm	ission	of ite	ms con	ceming	a sub	mission	under 3	35 L	J.S.C.	371.				
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.																	
3.	This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.																	
4.	<u>.</u>	The US has been elected (Article 31).																
5.	\mathbf{x}	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))																
а	ı. [x is attached hereto (required only if not communicated by the International Bureau).																
b). [has been communicated by the International Bureau.																
С	: [is not required, as the application was filed in the United States Receiving Office (RO/US).																
6.	x] /	An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).																
а	i. [x is attached hereto.																
b	۱. [has been previously submitted under 35 U.S.C. 154(d)(4).																
7.	x _/	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))																
а	. [are attached hereto (required only if not communicated by the International Bureau).																
b	م, اً	x have been communicated by the International Bureau.																
С	.	have not been made; however, the time limit for making such amendments has NOT expired.																
d	ı. 🔚	have r	ot be	en ma	de and	liw t	not be	made.										
8. >	κ [<i>/</i>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).																
9.	$\overline{\mathbb{Z}}_{\ell}$	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).																
10.		An English Article 36	(35 Ŭ.	s.c. :	371 (c)	(5)).						relir	minary	Exami	nation	Repo	ort unde	r PCT
_	_	to 20 be																
11.	<u>√</u>	An Informa	ation (Disclo:	sure St	tatem	nent un	der 37 (CFR 1	.97 and	1.98.							
12.	<u></u>	An assignr	nent d	ocum	ent for I	recor	ding. A	separate	cove	r sheet ir	n complia	and	e with	37 CFF	₹ 3.28	and 3	.31 is inc	duded.
13.	<u>.</u>	A prelimin	ary an	nendn	nent.													
14.	x /	An Applica	ation [Data S	heet u	nder	37 CFF	R 1.76.										
15.		A substitu	te spe	cificat	ion.													
16.	<u></u>	A power o	f attor	ney a	nd/or c	hang	ge of ad	dress le	etter.									
17.	k]/	A compute	er-reac	lable f	orm of	the s	sequenc	e listing	in ac	cordance	with PC	СТ	Rule 1	3ter.2 :	and 37	CFR	1.821 -	1.825.
18.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).																
19.	٦,	A second	сору	of the	Englisi	h lan	guage t	ranslati	on of t	the inten	national	ар	plication	on und	er 35 L	J.S.C	. 154(d)	(4).
20.	<u> </u>	Other item	ıs or iı	nforma		Seque	ence List	ing, State	ement	i o Suppoi	orm PCT/ rt Filing A ificate of I	And	Submis	ssion in	T/IPEA/- Accord	409, E lance \	Disk/Pape With 37 (r Copy of CFR

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U.S. APPLICATION	P. / 45 3	ATT	ATTORNEY'S DOCKET NUMBER 13195-00006-US									
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Information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the international Application to pending status.												
SEND ALL COP	SEND ALL CORRESPONDENCE TO: SIGNATURE:											
Roberte M. D. Makowski, Ph.D. NAME												
CUSTOMER	NUMBER:	55,421 IUMBER										

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 13195-00006-US

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV622756645US in an envelope addressed to:

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June 17, 2005 Date

Signature Tina R. Hall Typed or printed name of person signing Certificate (302) 658-9141 Registration Number, if applicable Telephone Number

Note:

Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office

Fee Transmittal

Application Data Sheet

Copy of the International application Copy of International Search Report

Form PCT/IB/306 and Form PCT/IPEA/409

English language translation of the International application

Computer readable Sequence Listing (Disk and Paper)

Statement To Support Filing And Submission In Accordance With 37 CFR

§§1.821 Through 1.825

Executed Combined Declaration/Power of Attorney Information Disclosure Statement, SB08, with references

Preliminary Amendment (14 pages)

Charge \$1,550.00 to deposit account 03-2775

10/539954 JC09 Rec'd PCT/PTO 17, JUN 2005

PTO/SB/17 (12-04v2)
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Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Application Number Not Yet Assigned Concurrently Herewith FEE TRANSMITTAL Filing Date Oliver Schmitz First Named Inventor For FY 2005 Not Yet Assigned **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 N/A Art Unit 13195-00006-US TOTAL AMOUNT OF PAYMENT 1,200.00 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Credit Card Money Order Other (please identify): Check Connolly Bove Lodge & Hutz LLP X Deposit Account Deposit Account Number: 03-2775 Deposit Account Name: For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayment of Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES SEARCH FEES EXAMINATION FEES Small Entity Small Entity Small Entity** Fees Paid (\$) **Application Type** Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) 250 200 100 900.00 Utility 300 150 500 200 100 50 130 65 Design 100 80 Plant 200 100 300 150 160 250 600 300 Reissue 300 150 500 200 100 0 0 Provisional 2. EXCESS CLAIM FEES **Small Entity** Fee (\$) Fee (\$) Fee Description Each claim over 20 (including Reissues) 50 25 Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims 360 180 Multiple Dependent Claims Extra Claims **Total Claims** Fee Paid (\$) 50.00 250.00 Fee Paid (\$) - 20 = 5 Fee (\$) Fee Paid (\$) Extra Claims Fee (\$) × 200.00 400.00 - 3 = 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Fee Paid (\$) Number of each additional 50 or fraction thereof **Total Sheets** Extra Sheets 76 (round up to a whole number) x - 100 = Fees Paid (\$) 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00 1633 National Stage Examination Fee - all other ... 200.00 400.00 1642 National Stage Search Fee - search report ... 650.00 1615 National Stage claims - extra SUBMITTED BY Registration No. (302) 658-9141 Signature 55,421 Telephone kowo Name (Print/Type) Roberte M. D. Makowski, Ph.D. 2005